

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	"350348"	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 09:20
L2	4	"4913722"	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 09:46
L3	11	"4912906"	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 10:38
L4	6	(["4912906"] or ["5641039"] or ["5167301"]).PN	US-POPB, USPAT, DERVENT	OR	OFF	2008/04/15 10:39
L5	9	34 and computer	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 10:40
L6	2	34 and cash	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 10:40
L7	0	(store adj computer) same (bag adj dispenser)	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 10:41
L8	17	(store adj computer) same (bag)	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 10:42
L9	0	("2008/00/15556").UPRN	USPAT	SAME	ON	2008/04/15 10:43
L10	12	(computer) same (bag adj dispenser)	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 10:44
L11	0	("2007/0198/127").UPRN	USPAT	SAME	ON	2008/04/15 10:45
L12	62	(store) same (bag adj dispenser)	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 10:46
L13	10	(store same computer) and (bag adj dispenser)	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 10:46
L14	62	(computer) and (bag adj dispenser)	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 10:47
L15	7	(store with computer) and (bag adj dispenser)	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 10:53
L16	182560	store with (computer or (cash adj register))	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 10:55
L17	38	L16 and (bag adj dispenser)	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 10:56
L18	3	"5641034"	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 11:56
L19	19	"5492398"	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/15 12:00
S1	1	"10580289"	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/10 16:32
S2	36	"5249787"	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/10 16:33
S3	13	"5632320"	US-POPB, USPAT, DERVENT	SAME	ON	2008/04/10 16:34

S4	166	221256		US-PPUB USPAT USCR	SAME	ON	2008/04/10 16:33
S5	910	Bag adj dispenser		US-PPUB USPAT USCR	SAME	ON	2008/04/10 16:40
S6	104	S5 and motor		US-PPUB USPAT USCR	SAME	ON	2008/04/10 16:40
S7	5	"3325164" "330481" PN OR ("3366207") UPRN		US-PPUB USPAT USCR	SAME	ON	2008/04/10 16:33
S8	3	"3303481" UPRN		USPAT	SAME	ON	2008/04/10 16:56
S9	13	"1989493" "3119484" "3379286" "3539481" "3708947" "D086004" "D213883" PN OR ("D254979") UPRN		US-PPUB USPAT USCR	SAME	ON	2008/04/10 16:57
S10	8	"3307428" "362481" PN OR ("383749") UPRN		US-PPUB USPAT USCR	SAME	ON	2008/04/10 16:58
S12	236945	bag		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:09
S13	498821	mechanical or manual or motor or transmission or hand		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:12
S14	224156	stack or layer		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:13
S15	1579870	dispenser or removal		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:13
S16	832	S12 same S13 same S14 same S15		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:13
S17	341	221259		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:41
S18	2	((DORON) near2 (TAM)) INN.		US-PPUB USPAT	SAME	ON	2008/04/11 08:49
S20	39	"6006495"		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:50
S21	2	((AR) near2 (B(CLR))) INN.		US-PPUB USPAT	SAME	ON	2008/04/11 08:51
S22	2	((YOSI) near2 (B(OLB))) INN.		US-PPUB USPAT	SAME	ON	2008/04/11 08:52
S23	39	"6006495" or "5174413" or "3407346"		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:52
S24	241013	Bag or newspaper or sheet		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:56
S26	398017	S24 and (dispenser or dispensing or removal or feed or feeder)		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:58
S29	533695	S26 and (manual or mechanical or rotary or rotatable or rotate or rotation or motor or transmission)		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:03
S30	2410113	Bag or newspaper or sheet		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:05
S31	398017	S30 and (dispenser or dispensing or removal or feed or feeder)		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:05
S32	533695	(S31 and (manual or mechanical or rotary or rotatable or rotate or rotation or motor or transmission))		US-PPUB USPAT USCR	SAME	ON	2008/04/11 08:05

S33	224844	S32 and (sensor or sensing or indicator or indicate or signal)	US-PPUB USPAT DERVENT	SAME	ON	2008/04/11 09/05
S34	130782	S33 and (retain or hold or secure or grasp)	US-PPUB USPAT DERVENT	SAME	ON	2008/04/11 09/07
S35	129292	S34 and (roller or roll or plate or frame or housing or shaft or base)	US-PPUB USPAT USCOR	SAME	ON	2008/04/11 09/09
S36	285408	Bag or newspaper	US-PPUB USPAT USCOR	SAME	ON	2008/04/11 09/23
S39	19150	S38 and (dispenser or dispensing or removal or feed or feeder)	US-PPUB USPAT USCOR	SAME	ON	2008/04/11 09/23
S40	94672	S39 and (manual or mechanical or rotary or rotatable or rotate or rotation or motor or transmission)	US-PPUB USPAT USCOR	SAME	ON	2008/04/11 09/23
S41	52581	S40 and (sensor or sensing or indicator or indicate or signal)	US-PPUB USPAT DERVENT	SAME	ON	2008/04/11 09/24
S42	49717	S41 and (roller or roll or plate or frame or housing or shaft or base)	US-PPUB USPAT DERVENT	SAME	ON	2008/04/11 09/25
S43	34611	S42 and (retain or hold or secure or grasp)	US-PPUB USPAT DERVENT	SAME	ON	2008/04/11 09/25
S44	22058	S43 and (display or image or window)	US-PPUB USPAT DERVENT	SAME	ON	2008/04/11 09/27
S45	18017	S44 and (plastic or paper)	US-PPUB USPAT DERVENT	SAME	ON	2008/04/11 09/28
S46	11157	S45 and (store or counter or market)	US-PPUB USPAT DERVENT	SAME	ON	2008/04/11 09/29
S47	862	S46 and (grocery)	US-PPUB USPAT DERVENT	SAME	ON	2008/04/11 09/29
S48	164378	(*211* (*33 or *42 or *43 or *51 or *105 or *113 or *119 or *222* or *210* or *217* or *237* or *253* or *277* or *294* or *299*)	US-PPUB USPAT DERVENT	SAME	ON	2008/04/11 09/39
S49	28	S49 and (bag adj dispense)	US-PPUB USPAT DERVENT	SAME	ON	2008/04/11 09/40
S50	3	(*211* (*33 or *42 or *43 or *51 or *105 or *113 or *119 or *222* or *210* or *217* or *237* or *253* or *277* or *294* or *299*) cols)	US-PPUB USPAT DERVENT	SAME	ON	2008/04/11 09/42
S51	1	(*2021659*) UPN	USPAT	SAME	ON	2008/04/11 09/56
S52	2	(*2021659*)	USPAT	SAME	ON	2008/04/11 09/57
S53	3	(*2673016*) UPN	USPAT	SAME	ON	2008/04/11 09/57
S54	19	(*2885980*) UPN	USPAT	SAME	ON	2008/04/11 09/58
S55	55	(*3051286*) UPN	USPAT	SAME	ON	2008/04/11 10/01
S56	3	(*3087647*) UPN	USPAT	SAME	ON	2008/04/11 10/02
S57	39	(*3182212*) UPN	USPAT	SAME	ON	2008/04/11 10/02
S58	3	(*3503481*) UPN	USPAT	SAME	ON	2008/04/11 10/03
S59	17	(*3521679*) UPN	USPAT	SAME	ON	2008/04/11 10/03

S60	3	"332516" "330348") PN OR ("356320") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:04
S61	24	"0487514" "107251" "239411" "253392" "2856047" "310329" "310478" "3180518") PN OR ("3685691") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:04
S62	33	"160057" "2569711" "256980" "3025651" "3074511" "3075324" "3220163" "322514" "328246" "358671" "3564814") PN OR ("3707826") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:05
S63	9	"3307428" "3626481") PN OR ("3837349") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:07
S64	18	"1227510" "312566" "3156391" "3507428" "3595456" "3626481" "3730409" "3731863" "3837549") PN OR ("394918") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:07
S65	6	"3025651" "3561668" "4026168") PN OR ("4230204") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:09
S66	13	"022974" "3273684" "336207" "3795365" "3866803" "3937453" "3954267" "3984740" "4113244") PN OR ("432546") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:10
S67	28	"0404260" "1070169" "1555399" "2065266" "2142808" "224518" "2379134" "235705" "3044233" "3672484" "3879396" "3738482" "3782073" "3835933" "3851762" "3886866") PN OR ("409412") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:10
S68	25	"4042145" "4035887" "4240364" "4340150" "4436182") PN OR ("4540106") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:11
S69	30	"1028091" "1160449" "1167214" "1677939" "2512426" "2622933" "2656047" "2871684" "3168212" "3225961" "358231" "3685691" "3708087" "4131213" "4496074") PN OR ("4932305") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:11
S70	27	"2366504" "2827287" "3385953" "3416786" "3521879" "3650325" "3724093" "387458" "4134424" "4223047" "435066" "4482145" "4493111" "4501416" "4519301" "4528264") PN OR ("5028844") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:13
S71	44	"1292811" "3205251" "3057327" "3190049" "3431706" "3561814" "3626668" "3699741" "374092" "375437" "379256" "3942694" "4070351" "4085822" "4230204" "4284221") PN OR ("4306633" "4484652" "4493884" "4514662" "451506" "4712710" "4730762" "4774798" "4835949" "4939356") PN OR ("5167301") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:14
S72	23	"3625932" "4202618" "4626170" "4688451" "4693822" "4676343" "4792018" "4939356" "4912936" "493564") PN OR ("5174413") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:15
S73	22	"302888" "3369593" "3717100" "3868032" "395768" "3956473" "3954417" "4181218" "4191307" "428262" "4526291" "4539312" "4546333" "4603365" "4793617") PN OR ("PC24241") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:16
S74	40	"1292811" "3205251" "3057327" "3190049" "3431706" "3561814" "3626668" "3699741" "374092" "375437" "379256" "3942694" "4070351" "4085822" "4230204" "4284221") PN OR ("4306633" "4484652" "4493884" "4514662" "451506" "4712710" "4730762" "4774798" "4835949" "4939356") PN OR ("5167301") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:16
S75	41	"0615738" "1674687" "2101579" "2869563" "3289830" "342433" "3541453" "360608" "3624791" "3765655" "3826361" "3861622" "386473" "4044919" "4175673" "4282627") PN OR ("4363405" "4463649" "4506801" "4526291" "4562387" "4567384" "4568630" "4765508" "4803800" "5024349" "531057") PN OR ("5509570") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:18
S76	27	"3077550" "3388311" "4084742" "430048" "4676343" "4766298" "4909356" "4912906" "5013865" "5047614" "511988" "5167301" "5174413" "5252814" "5335465" "5346071") PN OR ("547346") PN OR ("5641039") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:18
S77	1	"1463842" "3699741" "4231212" "5249787" "5335485" "5333230") PN OR ("6036495") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:19
S78	38	"368873" "3725865" "4676943" "4779708" "4792018" "4947028" "5083638" "511588" "5174413" "526708" "5375680" "5378860" "542452" "5426282" "543434" "5437349" "5478989" "5649136" "5678633" "5684307" "569440" "5690450" "5662232" "5662190" "5708782" "5747784" "575282" "5834357" "5845239" "5845263" "5848281" "5884728") PN OR ("580135") PN OR ("6409081") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:20
S79	9	"2003-023208") UPRN.	USPAT	SAME	ON	2008/04/11 10:21
S80	16	"2398920" "307524" "315862" "3740322" "347346" "3641039" "5642791" "5971590") PN OR ("6881695") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:21
S81	9	"2004-022234") UPRN.	USPAT	SAME	ON	2008/04/11 10:21
S82	23	"1981239" "2002011758" "3719368" "3731409" "3737087" "3896691" "3949816" "3951485" "3993838" "4666099" "4676131" "4721265" "4738176" "4790497" "479825") PN OR ("496248" "513132" "5452632" "5772231" "6079305" "6105688" "6234986" "6354533" "6412655" "6412679") PN OR ("6892620") UPRN.	US-PPGUB USPAT USOOR	SAME	ON	2008/04/11 10:22
S83	9	"2006-0245577") UPRN.	USPAT	SAME	ON	2008/04/11 10:24

S84	49	["2001000611" "2004010424" "2005010323" "289036" "3263928" "3687370" "3976230" "4082512" "4154388" "4416588" "4550683" "4588003" "4674288" "4800708" "4854109" "4969285" "4987346" "4989327" "4989307" "4998975" "5004351" "5050716" "5067868" "5090814" "5139151" "5180082" "5213111" "5219087" "5259847" "5265761" "5376219" "5441173" "5489745" "5575435" "5678208" "5703917" "5727370" "5791522" "5950875" "5964078" "5992836" "6161722" "6283329" "6311740" "6472638"], PN, OR ("7156207"), UPRN	US-POPUB USPAT USCOR	SAME	ON	2008/04/11 10:24
S85	0	["2007/0166515"], UPRN	USPAT	SAME	ON	2008/04/11 10:25
S86	0	["3125665"], UPRN	USPAT	SAME	ON	2008/04/11 10:25
S87	52	["3408125" "3730409" "3769669" "4131044" "4137805" "4212217" "4534408" "4676131"], PN, OR ("4728176"), UPRN	US-POPUB USPAT USCOR	SAME	ON	2008/04/11 10:25
S88	35	["2193759" "2693814" "2884280" "3730409" "4039118" "4267732" "4464622" "4569467" "4666089" "4721257" "4738176" "4786005" "4790490" "4796827" "4823663" "4828262"], UPRN	US-POPUB USPAT USCOR	SAME	ON	2008/04/11 10:26
S89	0	["2002/0117578"], UPRN	USPAT	SAME	ON	2008/04/11 10:26
S90	0	["34/00"], CLS	US-POPUB USPAT USCOR US-DEVNET	OR	OFF	2008/04/11 12:17
S91	0	["21/33or221/42or221/43or221/51or221/113or221/119or221/220or221/210or221/217or221/237or221/255or221/277or221/294or221/259"], CLS	US-POPUB USPAT USCOR US-DEVNET	OR	OFF	2008/04/11 12:19
S92	2241	["221/33" or "221/42" or "221/43" or "221/51" or "221/105" or "221/113" or "221/119" or "221/222" or "221/210" or "221/217" or "221/237" or "221/255" or "221/277" or "221/294" or "221/259"], CLS	US-POPUB USPAT USCOR US-DEVNET	OR	OFF	2008/04/11 12:20
S93	19	S92 and (bag adj dispense)	US-POPUB USPAT USCOR US-DEVNET	SAME	ON	2008/04/11 12:21
S94	33	S92 and ((bag or sheet or paper)adj dispense)	US-POPUB USPAT USCOR US-DEVNET	SAME	ON	2008/04/11 12:23
S95	2428	crank adj shaft	US-POPUB USPAT USCOR US-DEVNET	SAME	ON	2008/04/11 12:41
S96	365	S95 and (bag or dispense)	US-POPUB USPAT USCOR US-DEVNET	SAME	ON	2008/04/11 12:42
S97	1050163	(crank adj shaft) or (crank adj rod) or handle	US-POPUB USPAT USCOR US-DEVNET	SAME	ON	2008/04/11 12:47
S98	2559	S97 and ("221.cls.")	US-POPUB USPAT USCOR US-DEVNET	SAME	ON	2008/04/11 12:48
S99	78	["4793538" "4849080" "493385" "3170957"], PN, OR ("RE4856"), UPRN	US-POPUB USPAT USCOR	SAME	ON	2008/04/11 13:17
S100	33	["4122705" "4192442" "4817347" "4406421" "4666099" "4693944" "521221" "5452032" "5467022" "5669337" "577221" "5600592" "5393288"], PN, OR ("64/2855"), UPRN	US-POPUB USPAT USCOR	SAME	ON	2008/04/11 13:22
S101	156345	(grocery adj store) or food or market or store	US-POPUB USPAT USCOR	SAME	ON	2008/04/11 13:27
S103	517033	S101 and (bag or paper or plastic)	US-POPUB USPAT USCOR	SAME	ON	2008/04/11 13:28
S104	40732	S103 and (mechanical and manual)	US-POPUB USPAT USCOR	SAME	ON	2008/04/11 13:29
S105	4843	S103 and dispenser	US-POPUB USPAT USCOR	SAME	ON	2008/04/11 13:29
S106	3	S103 and display	US-POPUB USPAT USCOR	SAME	ON	2008/04/11 13:30
S107	3915	S103 and (display or image or picture or window)	US-POPUB USPAT USCOR	SAME	ON	2008/04/11 13:30

S108	1000	St05 and (display or image or picture or window) not chemical	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 19:33
S109	20	dispenser same stack same plate same motor same hand same rollers	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 10:42
S110	361	dispenser stack plate motor hand rollers sensor display (bag or sheet or paper or plastic)	US-PCPUB USPAT USCOR	AND	ON	2008/04/11 13:45
S111	35	"1441669" "3002668" "3269593" "3771700" "3868052" "3868768" "3892559" "388479" "394417" "4181216" "4191307" "4289282" "4526291" "4646330" "4793397" PN OR "4930385" JPN	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:05
S112	31	"1934185" "1967422" "2606724" "2325407" "2369169" "304043" "3702672" "4073419" "4535912" "4738384" "4930383" "5259592" PN OR ("5810234") JPN	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:06
S113	37	"1206701" "2096107" "2110827" "2114628" "2125754" "2643070" "2809092" "3069055" "4284618" "4239164" PN OR ("4793384") JPN	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:07
S114	12	"1370267" JPN	USPAT	SAME	ON	2008/04/11 14:07
S115	82	"1383578" "0441699" "0826666" "157914" "2646877" "2697873" "2722397" "2989897" "305024" "309594" "315636" "3166197" "317692" "3517970" "3702672" "3826361" "398788" "4274573" "4474318" "4482032" "4685633" "4714191" "4739339" "4830466" "4930385" "5118022" "5135146" PN OR ("5207368") JPN	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:08
S116	39	"0751920" "0943279" "170404" "1912367" "2349635" "3098594" "3239876" "328109" "4179055" "4714191" PN OR ("5135146") JPN	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:12
S117	222	533641	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:23
S118	143	5339	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:27
S119	198	53573	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:32
S120	356	53571	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:33
S121	460	16661	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:33
S122	446	5323	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:33
S123	68	22139	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:37
S124	424	19410	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:38
S125	312	2425981	US-PCPUB USPAT USCOR	SAME	ON	2008/04/11 14:42
S126	7	"6450380"	US-PCPUB USPAT USMVENT	SAME	ON	2008/04/11 15:02
S127	24	"889327"	US-PCPUB USPAT USMVENT	SAME	ON	2008/04/11 15:03
S128	4	"5862344"	US-PCPUB USPAT USMVENT	SAME	ON	2008/04/11 15:04
S129	8	"5657900"	US-PCPUB USPAT USMVENT	SAME	ON	2008/04/11 15:05
S130	0	WO1994014671	US-PCPUB USPAT USMVENT	SAME	ON	2008/04/11 15:06

S131	91	"01467"	US-POPUB US-PAT. DERVENT	SAME	ON	2008/04/11 15:07
S132	25	"5539202"	US-POPUB US-PAT. DERVENT	SAME	ON	2008/04/11 15:07
S133	4	"6289972"	US-POPUB US-PAT. DERVENT	SAME	ON	2008/04/11 15:08
S134	9	"4283811"	US-POPUB US-PAT. DERVENT	SAME	ON	2008/04/11 15:08
S135	24	"12925175" "3388982" "3912208" "4280811" "4483419" "4605999" "5421803" "5465845" "5469970" "5524762" "5667173", PN, OR ("5860529"), UPRN	US-POPUB US-PAT. USOOR	SAME	ON	2008/04/11 15:10
S136	5	"5465021"	US-POPUB US-PAT. USOOR	SAME	ON	2008/04/11 15:11
S137	9	"378482" "4483419" "4605969" "5184728" "532397" "540521", PN, OR ("5577615"), UPRN	US-POPUB US-PAT. USOOR	SAME	ON	2008/04/11 15:11
S138	3	"6289972"	US-POPUB US-PAT. USOOR	SAME	ON	2008/04/11 15:11
S139	21	"578080"	US-POPUB US-PAT. USOOR	SAME	ON	2008/04/11 15:12
S140	4	"6325214"	US-POPUB US-PAT. USOOR	SAME	ON	2008/04/11 15:13
S141	192566	shaft	US-POPUB US-PAT. DERVENT	SAME	ON	2008/04/14 08:24
S155	193249	display	US-POPUB US-PAT. DERVENT	SAME	ON	2008/04/14 08:24
S156	154542	dispenser	US-POPUB US-PAT. DERVENT	SAME	ON	2008/04/14 08:24
S157	1904279	plastic	US-POPUB US-PAT. DERVENT	SAME	ON	2008/04/14 08:25
S158	541803	stack or stacks or stacked	US-POPUB US-PAT. DERVENT	SAME	ON	2008/04/14 08:25
S159	368587	roller	US-POPUB US-PAT. DERVENT	SAME	ON	2008/04/14 08:25
S160	571264	plate or base	US-POPUB US-PAT. DERVENT	SAME	ON	2008/04/14 08:26
S161	2388655	motor or manual head2 (rotating or means of movement)	US-POPUB US-PAT. DERVENT	SAME	ON	2008/04/14 08:27
S162	495	S154 and S155 and S156 and S158 and S159 and S160 and S161	US-POPUB US-PAT. DERVENT	SAME	ON	2008/04/14 08:27
S163	25	"4042146" "4035987" "4240564" "4340150" "4436182", PN, OR ("4540106"), UPRN	US-POPUB US-PAT. USOOR	SAME	ON	2008/04/14 08:31
S164	16	"164285" "1670137" "316315" "3262603" "3655032" "3790027", PN, OR ("4591068"), UPRN	US-POPUB US-PAT. USOOR	SAME	ON	2008/04/14 08:34
S165	18	"5007627" "5290033" "5350168" "5424406" "5590311" "5595538" "5692743" "5901951" "5915988" "6012832" "6014594" "6056289" "6098837", PN, OR ("8263256"), UPRN	US-POPUB US-PAT. USOOR	SAME	ON	2008/04/14 08:38
S166	18	"2164688" "2386018" "4011975" "4454873" "4716793" "4686006" "4946606" "4935507" "5100038" "5146820" "5406872" "5492398" "5673837" "5903308" "5653117" "6726077", PN, OR ("5866728"), UPRN	US-POPUB US-PAT. USOOR	SAME	ON	2008/04/14 08:43

S187	4745	dispenser with handle	US/PUB	SAME	ON	2008/04/14 14:18
S188	128	S167 and bag adj dispenser	US/PUB	SAME	ON	2008/04/14 14:17
S189	128	S167 and (bag adj dispenser)	US/PUB	SAME	ON	2008/04/14 14:17
S190	0	"(2008101)" PN	US/PUB	OR	OFF	2008/04/14 14:19
S191	1	DE 4034863 A	US/PUB	SAME	ON	2008/04/14 14:23
S192	5	((FESTU) near2 (HELMUT)) INV.	US/PUB	SAME	ON	2008/04/14 14:51
S193	0	((manual near2 rotation) near4 ((bag or plastic) near2 dispenser))	US/PUB	SAME	ON	2008/04/14 15:02
S194	0	((manual near2 rotation) same ((bag or plastic) near2 dispenser))	US/PUB	SAME	ON	2008/04/14 15:02
S195	22	((manual with rotation) same ((bag or plastic) near2 dispenser))	US/PUB	SAME	ON	2008/04/14 15:02
S196	8	((manual) near4 ((bag or plastic) near2 dispenser))	US/PUB	SAME	ON	2008/04/14 15:02
S197	11	manual with rotation with means	US/PUB	SAME	ON	2008/04/14 15:07
S198	127421	handle	US/PUB	SAME	ON	2008/04/14 15:07
S199	22637	S198 and dispenser	US/PUB	SAME	ON	2008/04/14 15:07
S200	13009	S199 and (bag or plastic)	US/PUB	SAME	ON	2008/04/14 15:08
S201	4311	S200 and manual	US/PUB	SAME	ON	2008/04/14 15:08
S202	2677	S201 and (rotation or rotary or rotatable)	US/PUB	SAME	ON	2008/04/14 15:09
S204	4745	handle with dispenser	US/PUB	SAME	ON	2008/04/14 15:13
S205	866	S204 and bag	US/PUB	SAME	ON	2008/04/14 15:13
S206	831	S204 and bar	US/PUB	SAME	ON	2008/04/14 15:13
S207	177	S205 and bar	US/PUB	SAME	ON	2008/04/14 15:14
S208	86	butter adj chum	US/PUB	SAME	ON	2008/04/14 15:25
S209	5	sheet adj dispenser with handle	US/PUB	SAME	ON	2008/04/14 15:25
S210	334	handle with (paper adj bag)	US/PUB	SAME	ON	2008/04/14 15:28

S211	0	crank (paper adj bag adj dispenser)	US-GRUB, USPAT; DEMENT	SAME	ON	2008/04/14 15:29
S212	0	crank (paper adj bag)	US-GRUB, USPAT; DEMENT	SAME	ON	2008/04/14 15:30
S213	4	shaft handle (paper adj bag)	US-GRUB, USPAT; DEMENT	SAME	ON	2008/04/14 15:30
S214	95155	shaft handle	US-GRUB, USPAT; DEMENT	SAME	ON	2008/04/14 15:31
S215	1016	shaft handle bag	US-GRUB, USPAT; DEMENT	SAME	ON	2008/04/14 15:31
S216	23533	'221'-obs-	US-GRUB, USPAT; DEMENT	SAME	ON	2008/04/14 15:38
S217	2545	S216 and handle	US-GRUB, USPAT; DEMENT	SAME	ON	2008/04/14 15:39
S218	366	S217 and bag	US-GRUB, USPAT; DEMENT	SAME	ON	2008/04/14 15:39
S219	301	jack adj box	US-GRUB, USPAT; DEMENT	SAME	ON	2008/04/14 15:51
S220	6	"0556740" "2496725" "D25249", PN OR ("D252232"), UPRN.	US-GRUB, USPAT; USCR	SAME	ON	2008/04/14 15:52
S221	280	Handle same rotating same shaft same dispenser	US-GRUB, USPAT; USCR	SAME	ON	2008/04/14 15:52
S222	625	Handle same rotating same shaft same bag	US-GRUB, USPAT; USCR	SAME	ON	2008/04/14 16:00
S223	134	S222 and plastic	US-GRUB, USPAT; USCR	SAME	ON	2008/04/14 16:01

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